

APS Single Power Supply

APS3005S

Overview

This is a single-channel, constant-voltage and constant-current power supply with low ripple and noise, high reliability and high accuracy. It also has circuit protection for over load, short circuit and over temperature. It is designed for use in labs, colleges and in production.

Technical Specifications:

Output Voltage Range: 0-30V

Output Current Range: 0-5A

Power: 150W

Voltage/Current Display: LED Display

Display Accuracy

Voltage: 0.1V

Current: 0.01A

Load Stability: $\leq 0.3\%+5\text{mV}$

Ripple and Noise: $\leq 3\text{mVRMS}$

Dimensions: 10.25x5.9x6.3 inches
(260x150x160mm)



APS Dual Power Supply

APS3005S-3D



APS3005S-3D

This is a double-channel regulated power supplies with low ripple and noise, reliability. The two channels can be run in series, parallel or independently from each other with constant voltage and constant current. There is a 3rd channel which is fixed at 5V and 3 Amps. This unit is designed for use in labs, colleges and in production.

Dual Channel and Adjustable Regulated DC Power Supply

AC Input Voltage: AC 110V 60Hz

Output Voltage Range: CH1 0~30V, CH2 0~30V, CH3 5V

Output Current Range: CH1 0~5A, CH2 0~5A, CH3- 3A

Display Precision: $\pm 0.5\%+2$ bit

Ripple and Noise: $\leq 3\text{mVRMS}$

Load Stability: $\leq 0.3\%+5\text{mV}$

Power: 315W

Display Resolution: Voltage 0.1V; Current 0.01A

Auxiliary Power Voltage: 5V Fixed

Auxiliary Power Current: 3A

Protection Method: current-limited low voltage protection, short-circuit protection, over-temperature protection.

Working Method: constant current and constant voltage

Cooling Method: Fan

Synchronous error: $\leq 0.5\%+10\text{mV}$ (Dual channels)

Series Adjustable rate: $\leq 300\text{mV}$

Dimension: 16x10.25x6.3 inches (405x260x160mm)